VERSION SHOWING AMENDMENTS MADE

The description of the drawings on page 5, beginning at line 11, has been amended as follows:

--**Figure 2** is a [side] front elevation of the device.--

The description of the drawings on page 5, beginning at line 12, has been amended as follows:

--[**Figure 3** is a front elevation of the device] **Figure 3** is a sectioned view taken essentially along 3-3 of **Figure 4**.--

The description of the drawings on page 5, beginning at line 13, has been amended as follows:

--[**Figure 4** is a schematic of the device] Figure 4 is a side elevation of the device.

The paragraph on page 6, beginning at line 4, has been amended as follows:

-- A control box [**10**] on top of the unit contains wireless components, the UV-C sensor array **10**, a bank of basic stamps, motion detectors **12**, and audible and visible alarms. A power switch is provided on the exterior of the device. A series of plugs for control functions are also provided. A power cord is provided.--

The paragraph on page 6, beginning at line 5, has been amended as follows:

-- A control box on top of the unit contains wireless components, the UV-C sensor array, a bank of basic stamps, motion detectors **12**, and audible [**20**] and visible

alarms. A power switch is provided on the exterior of the device. A series of plugs for control functions are also provided. A power cord is provided.--

The paragraph on page 6, beginning at line 6, has been amended as follows:

-- A control box on top of the unit contains wireless components, the UV-C sensor array, a bank of basic stamps, motion detectors **12**, and audible and visible alarms [**22**]. A power switch [**14**] is provided on the exterior of the device. A series of plugs for control functions are also provided. A power cord is provided.--

The paragraph on page 6, beginning at line 7, has been amended as follows:

-- A control box on top of the unit contains wireless components, the UV-C sensor array, a bank of basic stamps, motion detectors **12**, and audible and visible alarms. A power switch is provided on the exterior of the device. A series of plugs [**16**] for control functions are also provided. A power cord [**18**] is provided.--

The paragraph on page 6, beginning at line 9 has been amended as follows:

--Referring now to **Figure** [**4**] **5**, [three] door contacts **24** are shown. These contacts are placed in one or more of the doors of the room in which the device is operating. The door contacts are switches which disable the device if nay one of the switches is opened, such as by opening the door. The motion detectors **12** are immediately activated upon activation of the device and prior to powering of the ballasts **26** and the bulbs, by means of the time delay **28**. If the motion detectors sense motion at any time during the operation of the device, power to the ballasts and the bulbs is immediately disabled. A preferred embodiment has three 120 ° passive

ultrasonic motion detectors located on top of the device.--

The paragraph on page 8, beginning at line 8, has been amended as follows:

--3. The audible voice alarms **14** and the motion detectors activate and stay on until the entire cycle has been complete. Should the UVAS detect motion, the unit automatically deactivates itself until the user re-enters the room and trips a breaker, thus preventing the user from re-activating the unit and harming a bystander left in the room.--

The paragraph on page 8, beginning at line 21, has been amended as follows:

--5. The bulbs are powered, and when sufficient time has elapsed to allow the bulbs to reach a steady state output (one minute or less), the basic stamp reads data from all the individual sensors located on the array. The array senses 360 degrees at a minimum with overlapping of their window of view. They are oriented away from the UVAS, thus measuring the dose of UV-C reflected back to the unit. This data is fed into the microcontroller **16** where it is integrated to compute cumulative exposure of UV-C reflected back from each sensor in the array.--

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Art Unit: 1744

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CERTIFICATE OF MAILING

I hereby certify that this Preliminary Amendment dated February 12, 2003, is being deposited with the United States Postal Service, with sufficient postage attached thereto, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, Box NON-FEE AMENDMENT, on this 12th day of February, 2003.

Lisa N. Benson

Lisa N. Benson, Legal Assistant
to B. CRAIG KILLOUGH
Attorney for Applicant
P.O. Drawer H
Charleston, SC 29402
(843) 577-7700